



The 57th PES Annual Meeting and Conference

RETHINKING DEVELOPMENT STRATEGIES: Integrating Technology, Promoting Competitiveness, Reinvigorating Industries



#PESConference2019

Novotel Manila, Araneta Center, Quezon City
7 November 2019

President's Message



Lawrence B. Dacuycuy

It is a great honor and rare privilege for me to serve as the president of the Philippine Economic Society (PES) – a professional organization of vibrant, talented, and driven economists and practitioners who remain committed to facilitating deep and meaningful scholarly exchange, building and sustaining partnerships, and promoting economic and financial literacy. This year, two regional conferences were held. In Baguio City, the PES partnered with Saint Louis University and the Bangko Sentral ng Pilipinas (BSP) to conduct activities related to economic and financial literacy and research. Last August, the PES partnered with the Commission on Higher Education Regional Office 5, National Economic Development Authority (NEDA), BSP, several Bicol Universities and De La Salle University to hold the first ever Bicol Economics Congress (BEC).

The PES hosts the 57th Annual Meeting to help deepen the general public's understanding of relevant issues that hinder Philippine economic development. This year's theme, "Rethinking Development Strategies: Integrating Technology, Promoting Competitiveness, Reinvigorating Industries" focuses on the need to reexamine current development frameworks and strategies in the face of advances in digitalization, encryption, computing, and artificial intelligence. Fast-paced and relentless, such developments are expected to persistently reverberate throughout the macroeconomy, influencing the evolution, conduct, and performance of firms within and across industries, spurring changes in the policy landscape, and affecting household welfare outcomes.

In closing, I would like to express my deepest gratitude to my colleagues in the Board, esteemed members of the Advisory Board, members of the Program Committee, distinguished panel and session chairs and organizers, beloved sponsors and members, and supporters from the public and private sectors for helping advance the state of Economic Science in the Philippines.

Mabuhay po ang PES at Mabuhay Tayong Lahat!



THE 57TH PES ANNUAL MEETING AND CONFERENCE

Rethinking Development Strategies: Integrating Technology, Promoting Competitiveness, Reinventing Industries

The Philippine economy has been growing at an average of more than six percent since 2010. The country's economic vitality anchors in strong consumer demand, supported by remittances and improving labor market amid increasing urbanization and a growing middle class. Economic growth is further buoyed in recent years by capital investments as businesses improve productive capacity and the government pursues its infrastructure investment programs. Maintaining and strengthening this growth trajectory, however, may require rethinking of development strategies especially in the context of emerging technological trends. These technological advancements pose new opportunities and challenges to the Philippines, appearing in many facets of the economy, businesses and people's lives such as in the rise of e-commerce, financial technology, sharing platforms, IT-BPM industry, and Industry 4.0.

Technology can promote competitiveness and productivity growth. It can benefit the agriculture sector through mechanization and the application of biotechnology, and the manufacturing and services through the integration of production systems, streamlining of processes, and improvements in supply and value chain. It is also seen as part and parcel of the solution to reduce the complexity of doing business in the country; promote social inclusion and participation; and address health and environmental challenges. Nonetheless, technologies can also be a potential source of risks and disruptions in the form of social inequality, labor displacement, and security and privacy risk. Managing the risks associated with disruptive technologies needs thoughtful answers to questions like how to better educate and equip the youth for the future, how to upgrade and reskill the workforce, how to make MSMEs more innovative, and how to address regional disparities and imbalances, among others.

Ultimately, the narrative on technology is tied to its potential as a driver of structural reforms and long-term economic development. To sustain growth, the economy needs to industrialize. Industrialization is not just about manufacturing, but also about the manufacturing sector's linkages and connections with agriculture and services. In this age of digital and knowledge economy, how can the Philippines industrialize, and what should be the strategy? Our economic sectors are largely characterized by gaps in supply and value chains; by low value, back-end assembly and test; and high dependence on imports due to lack of local raw materials and intermediate parts and components supply. It is also largely dominated by the services sector particularly by the wholesale and retail including low value-added repair of vehicles and appliances. Given its current economic structure, how can the country leverage technologies to realize inclusive and sustainable growth and development goals?



The 57th PES Annual Meeting and Conference AT A GLANCE

| TIME/VENUE | EVENT |
|---------------------------|--|
| 7:30–8:30 am 2/F lobby | REGISTRATION |
| 8:30–9:15 Monet 1&2 | OPENING CEREMONIES AND KEYNOTE ADDRESS |
| 9:15–10:30 Monet 1&2 | PLENARY SESSION 1. Rethinking Development Strategies |
| 10:30–11:30 Monet 1&2 | PLENARY SESSION 2. Climate Change and the Economy: Translating the Physical Impacts of Climate Change into Economic Terms |
| 11:30–12:30 Monet 1&2 | PLENARY SESSION 3. The Fourth Industrial Revolution and ASEAN Economic Integration: Issues in Research and Methodologies |
| | LUNCH AND PES ELECTIONS |
| 12:30–1:30 | BREAKOUT SESSION Strategies in Publishing: Conversations with Journal Editors |
| 1:30–3:00 pm Monet 1&2 | SIMULTANEOUS SESSIONS A Session A1. Innovative Approaches in Measuring Poverty and Poverty Impact Assessment (DLSU-sponsored session) |
| Gauguin | Session A2. Labor Market Characteristics of the Disadvantaged Sectors (NEDA-sponsored session) |
| Renoir | Session A3. Trade, Capital Flows, and Macroeconomic Fluctuations (BPI-sponsored session) |
| Van Gogh | Session A4. Socioeconomic Researches in Agriculture, Aquatic, and Natural Resources Sector (PCAARRD-sponsored session) |
| Cezanne | Session A5. Economics of the Household: Theoretical and Empirical Perspectives |
| Degas | Session A6. Issues and Possibilities in the Economics of Innovation |
| Pissaro | Session A7. Institutional Economics, Law and Order, Liability Rules |
| Matisse | Session A8. Human Capital, Education, and Social Mobility |
| 3:00–3:20 | COFFEE BREAK/POSTER PRESENTATIONS |
| 3:20–4:50 Monet 1&2 | SIMULTANEOUS SESSIONS B Session B1. The Fourth Industrial Revolution in Finance and Insurance: Issues and Challenges (DLSU-sponsored session) |
| Gauguin | Session B2. Local Econ-spatial Planning (NEDA-sponsored session) |
| Renoir | Session B3. Digital Economies, Productivity, and Efficiencies (FNF-sponsored session) |
| Van Gogh | Session B4. BSP Charter Amendments and Islamic Banking in the Philippines (BSP-sponsored session) |
| Cezanne | Session B5. Assessing Human Capital Outcomes in the Philippines |
| Degas | Session B6. Technological Change and the Philippine Labor Market |
| Pissaro | Session B7. Fisheries |
| Matisse | Session B8. Agriculture |
| 4:50–6:00 Monet 1&2 | PLENARY SESSION 4. Dynamic Markets, Growth, and Inequality: Can Antitrust Crack the Code? |
| 6:00 Monet 1&2 | CLOSING CEREMONY |



The 57th PES Annual Meeting and Conference

CONFERENCE PROGRAM

| | |
|--------------|--|
| 7:30-8:30 AM | REGISTRATION |
| 8:30-9:15 | <p style="text-align: right;">----- Venue: Monet 1&2 -----</p> <p>OPENING CEREMONIES AND KEYNOTE ADDRESS</p> <p>Welcome Remarks LAWRENCE B. DACUYCUY <i>President, Philippine Economic Society (PES)</i></p> <p>Introduction of the Keynote Speaker EMILIO S. NERI JR. <i>Chief Economist, Bank of the Philippine Islands</i> <i>Vice President, PES</i></p> <p>Keynote Address PH New Industrial Strategy: Embracing Industry 4.0 and S&T-based Industrial Development RAFAELITA M. ALDABA <i>Undersecretary, Competitiveness and Innovation Group</i> <i>Department of Trade and Industry</i> <i>Board Member, PES</i></p> |
| 9:15-10:30 | <p style="text-align: right;">----- Venue: Monet 1&2 -----</p> <p>PLENARY SESSION 1 Rethinking Development Strategies</p> <p>ROSEMARIE G. EDILLON <i>Undersecretary for Policy and Planning, National Economic and Development Authority</i> <i>Board Member and Former President, PES</i></p> <p>ELI M. REMOLONA <i>Professor of Finance and Director of Central Banking,</i> <i>Asia School of Business</i></p> <p>MARILOU UY <i>Director of the Secretariat, Intergovernmental Group of Twenty-Four on International Monetary Affairs and Development (G-24)</i></p> <p>MINETTE B. NAVARRETE <i>Co-founder and President, Kickstart Ventures, Inc.</i></p> <p>Moderator: EMILIO S. NERI, JR. <i>Chief Economist, Bank of the Philippine Islands</i></p> |



Venue: Monet 1&2

PLENARY SESSION 2

Climate Change and the Economy: Translating the Physical Impacts of Climate Change into Economic Terms
(NEDA-sponsored session)

PRESENTATION ON ESTIMATION OF CLIMATE CHANGE DAMAGE FUNCTIONS

World Bank

Reactors:

ROSEMARIE G. EDILLON

Undersecretary for Policy and Planning, National Economic and Development Authority

EMMANUEL DE GUZMAN

Secretary, Climate Change Commission

Laura David

Director, UP Marine Science Institute

AGUSTIN ARCENAS

Associate Professor, UP School of Economics

Moderator:

NERISSA ESGUERRA

Director, NEDA Development Information Staff

10:30-
11:30

Venue: Monet 1&2

PLENARY SESSION 3

The Fourth Industrial Revolution and ASEAN Economic Integration: Issues in Research and Methodologies
(DLSU-sponsored session)

–In Honor of University Fellow Ponciano S. Intal, Jr.–

Structure of Research in the Philippines: Implications on the Fourth Industrial Revolution

TERESO S. TULLAO, JR.

Adjunct Professor of Economics, De La Salle University

Engineering the Circular Economy

RAYMOND R. TAN

Vice Chancellor for Research and Innovation, De La Salle University

Moderator:

MITZIE IRENE P. CONCHADA

Associate Dean and Full Professor, School of Economics, De La Salle University

11:30-
12:30
PM





Venue: Monet 1&2

LUNCH

INDUCTION OF NEW PES MEMBERS

AWARDING OF BEST PAPERS

Venue: Pissaro Room

BREAKOUT SESSION

12:30–
1:30

Strategies in Publishing: Conversations with Journal Editors

*Session Chair: Majah-Leah V. Ravago, Associate Professor, Ateneo de Manila University Department of Economics/
Board Member and Former President, PES*

CALLA WIEMER

Editor-in-Chief, Journal of Asian Economics

JESUS FELIPE

Managing Editor, Asian Development Review

TERESO S. TULLAO, JR.

Editor-in-Chief, DLSU Business and Economics Review

EMMANUEL S. DE DIOS

Former Editor-in-Chief, The Philippine Review of Economics

SIMULTANEOUS SESSIONS A (1:30–3:00 PM)

Venue: Monet 1&2

Session A1. Innovative Approaches in Measuring Poverty and Poverty Impact Assessment (DLSU-sponsored session)

Session Chair: Alellie B. Sobreviñas, School of Economics, De La Salle University

–In Honor of University Fellow Ponciano S. Intal, Jr.–

Small Area Estimates of Poverty Incidence

Caesar Cororaton, Institute for Society, Culture and Environment, Virginia Polytechnic Institute and State University

Arlene B. Inocencio & Alellie B. Sobreviñas, School of Economics, De La Salle University

Arman B. Baulita, ABI Agriculture & Environmental Economics & Policy Consulting

Emmanuel DC. Barnedo, School of Statistics, University of the Philippines

Examining Chronic and Transient Poverty using the Community-Based Monitoring System (CBMS) Data: The Case of the Municipality of Orion

Alellie B. Sobreviñas, School of Economics, De La Salle University

Finding the Link between Pantawid Pamilyang Pilipino Program and Adolescent Pregnancy

Marites M. Tiongco & Mitzie Irene P. Conchada, School of Economics, De La Salle University

Determinants of Adoption of the Rice Crop Manager System among Farmers in Pangasinan, Philippines

Marites M. Tiongco, School of Economics, De La Salle University

Gerry L. Contillo, De La Salle University/Mariano Marcos State University

Venue: Gauguin Room

Session A2. Labor Market Characteristics of the Disadvantaged Sectors (NEDA-sponsored session)

Session Chair: Girlie Grace C. Igtiben, National Economic and Development Authority

Outward-Migration in Philippine Agriculture

Rosemarie G. Edillon, Ritchelle J. Alburo* & Rory Jay S. Dacumos, National Economic and Development Authority

Determinants of Female Labor Force Participation

Rosemarie G. Edillon, National Economic and Development Authority



SIMULTANEOUS SESSIONS A (1:30–3:00 PM)

Venue: Renoir Room

Session A3. Trade, Capital Flows, and Macroeconomic Fluctuations

(BPI-sponsored session)

Session Chair: *George N. Manzano, School of Economics, University of Asia and the Pacific*

Analysis of Duration of Trade Relationships of Philippine Imports

Ron Christopher R. Reyes & George N. Manzano, School of Economics, University of Asia and the Pacific

Determinants of High-Technology Exports in Selected ASEAN Countries

Kathleen T. Candelario & Karlo Martin C. Caramugan, University of Southeastern Philippines*

An Analysis of the Effect of Foreign Equity Flows on the Performance of the Philippine Stock Exchange

*Victor A. Abola, School of Economics, University of Asia and the Pacific/
Former President, PES*

Christian A. Siaton, School of Economics, University of Asia and the Pacific

International R&D Spillovers and Growth in Developing Countries

Laurice Cyl C. Pondoyo, National Economic and Development Authority Regional Office XI

Investigating the Link between Remittances and Inflation: Evidence from the Philippines

John Paolo R. Rivera, Asian Institute of Management

Tereso S. Tullao, Jr., De La Salle University*



SIMULTANEOUS SESSIONS A (1:30–3:00 PM)

Venue: Van Gogh Room

Session A4. Socioeconomic Researches in Agriculture, Aquatic, and Natural Resources (AANR) Sector (PCAARRD-sponsored session)

Session Chair: *Mia Barbara DV. Aranas, DOST-Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development*

Role of Cooperatives in Technology Adoption for Improved Production and Market Efficiency in Dairy Buffalo

Agham C. Cuevas, College of Economics and Management, University of the Philippines-Los Baños

Addressing Policy and Information Constraints Hampering the Philippine Bamboo Industry

Ramon A. Razal, Priscila C. Dolom, Vivian C. Daracan & Noel L. Tolentino, College of Forestry and Natural Resources, University of the Philippines-Los Baños*

Measuring the Productivity and Technical (In)Efficiency of Aquaculture in Laguna de Bay: Implications for a More Efficient Lake Management and Regulation in the Philippines

Rico C. Ancog, Jochelle Marl F. Abella & Vince Ray S. Escarcha, School of Environmental Science and Management, University of the Philippines-Los Baños*

Veronica I. Castillo, College of Economics and Management, University of the Philippines-Los Baños

Alice Joan G. Ferrer, Division of Social Sciences, University of the Philippines-Visayas

Adelina C. Santos-Borja, Laguna Lake Development Authority

Estimating the Recreational Value of a Reef restoration Project in a Major Tourism Destination in the Philippines: The Case of Panglao, Bohol, Philippines

Rico C. Ancog, School of Environmental Science and Management, University of the Philippines-Los Baños

Canesio D. Predo, Institute of Renewable Natural Resources, University of the Philippines-Los Baños

Rodelio F. Subade, Division of Social Sciences, University of the Philippines-Visayas

Hildie Maria E. Nacorda, Ma. Christina G. Corales & Annelyn Gem L. Balatayo, School of Environmental Science and Management, University of the Philippines-Los Baños*

SIMULTANEOUS SESSIONS A (1:30–3:00 PM)

Venue: Cezanne Room

Session A5. Economics of the Household: Theoretical and Empirical Perspectives

Session Chair: *Celia M. Reyes, Philippine Institute of Development Studies
Former President, PES*

Assessing the Impact of Super Typhoon Haiyan (Yolanda) on the Livelihood of Coconut Dependent Farmers in Selected Areas in Leyte

Moises Neil V. Serifio, Jedan A. Caverro,* Brenda M. Ramoneda, Maria Hazel I. Bellezas, Maria Juliet C. Ceniza & Jacob G. Cuizon, Visayas State University*

History of the Economic Analysis of Crisis

Arthur Bernardo C. Boquiren, University of the Philippines-Baguio

The Economic Well-Being of the Filipino People: Three Decades of Survey History

Mahar K. Mangahas, Social Weather Stations/ Former President, PES

Groups, Norms and Markets: A Perspective on Brexit

Raul V. Fabella, School of Economics, University of the Philippines/National Academy of Science and Technology/ Member, PES Council of Advisers

Venue: Degas Room

Session A6. Issues and Possibilities in the Economics of Innovation

Session Chair: : *Paul John M. Peña, De La Salle University*

The Impact of Free Tuition in State Universities and Colleges in the Production of Knowledge Capital: A General Equilibrium Analysis

Mark Gerald Ruiz, De La Salle University

Outsmarting Traffic? A Traffic Complexity Simulation of the Effect of Traffic Information Apps on Traffic Congestion

Arno Mikhail Azcarraga, Nicholas Rainier Barria & Jerk Joshua Meire Layos, De La Salle University*

Open Innovation and Changing IP Strategy in the Fourth Industrial Revolution

Toni Mae Sy & Paul John Peña, De La Salle University*

The Greatest Love of All: Securing Sustainable Health Outcomes for Children and Mothers in Two or More Periods Using Technology via a Design Thinking Approach

Arno Mikhail Azcarraga, Neathanya Gabriele Tan & Paul John Peña, De La Salle University*

Future-proofing the Workforce for Industry 4.0: The Role of Education in Creating Lifelong Learners

Manuel Mapa, De La Salle University



SIMULTANEOUS SESSIONS A (1:30–3:00 PM)

Venue: *Pissaro Room*

Session A7. Institutional Economics, Law and Order, Liability Rules

Session Chair: Adoracion M. Navarro, National Economic and Development Authority

Compulsory Licensing of Patents in the Philippines: A Second Look at Public Interest and Adequate Renumeration

Daniel S. Hofilena, Intellectual Property Office of the Philippines

Intellectual Property Protection, Foreign Technology Licensing, and Domestic Innovation in Developing Countries

Elisabetta Gentile & Rhea Molato, Asian Development Bank

Minimizing Smuggling and Restoring Public Trust in the Philippine Bureau of Customs

Kenneth Isaiah I. Abante, Ateneo de Manila University

The Economic Agglomeration and the Road Networks in Butuan City, Philippines: A Spatial Analysis

Joseph El Roy B. Cassion II, Father Saturnino Urios University

Venue: *Matisse Room*

Session A8. Human Capital, Education, and Social Mobility

Session Chair: Emmanuel F. Esguerra, School of Economics, University of the Philippines

Stability and Strategy-proofness in Two-stage College Admissions

Jan Carlo B. Punongbayan, School of Economics, University of the Philippines

Education Expansion and Income Distribution in the Philippines, 2004-2014

Julian Thomas B. Alvarez & Sarah Lynne S. Daway-Ducanes, School of Economics, University of the Philippines

Skill Transferability and Skill Mismatch among Post-training Graduates: An Application of the Task-based Approach

Ian Nicole A. Generalao, School of Economics, University of the Philippines

Uncovering Unknown Structures in Social Mobility Analysis: The Case of Three Philippine Regions

Lawrence B. Dacuycuy, De La Salle University*

Connie Bayudan-Dacuycuy, Philippine Institute for Development Studies

POSTER PRESENTATIONS (3:00–3:20 PM)

Venue: *Second Floor lobby*

Stakeholder Strategies, Value Creation, and the Maximization of Shareholder Wealth

Niceto S. Poblador, University of the Philippines

Measuring Risk Attitudes Influenced by Emotions: An Audial Experiment

Paulo Gabriel L. Esguerra, Carlos Joaquin Miguel D. Romero & Hans Rubayne R. Sy, De La Salle University

Welfare Implication of BSP's Alternative Strategy In Conduct of Monetary Policy

Aris C. Zoleta, De La Salle University

Sporting and Economic Performances of Teams in the Philippines Football League

Jules Cyber G. Cruz, School of Economics, University of Asia and the Pacific

Examining the Impacts of Macroeconomic Outcomes on Philippine Public Debt: An SVAR Approach

Rogie Ann P. Vasquez & Lawrence B. Dacuycuy, De La Salle University

Tax Incidence of the Implementation of the Philippine Tax Reform for Acceleration and Inclusion (TRAIN) Act: A Computable General Equilibrium-Microsimulation Approach

Ricardo L. Dizon, Polytechnic University of the Philippines

The Missing Cross: An Evaluation of the Long-Term Performance of Export Diversification of Developing East Asian and Latin American Countries and Its Impact on Their Per Capita Income

Irwin A. Cruz, Ateneo de Manila University

Liberalizing Trade on an MFN Basis in Development Goods Nominated by the Asia-Pacific Economic Cooperation Using the Predominant Supplier Approach and its Implications on Rural Development in the Philippines

Michael Allen C. Fernandez, School of Economics, University of Asia and the Pacific



SIMULTANEOUS SESSIONS B (3:20–4:50 PM)

Venue: Monet Ballroom 1&2

Session B1. The Fourth Industrial Revolution in Finance and Insurance: Issues and Challenges (DLSU-sponsored session)

Session Chair: *Mariel Monica Sauler, School of Economics, De La Salle University*

–In Honor of University Fellow Ponciano S. Intal, Jr.–

Through the Lens of Different Variants of the GARCH Model: How Risky is Bitcoin as an Investment Alternative?

Cesar C. Rufino, School of Economics, De La Salle University

The Effects of Conditional Accounting Conservatism on Investment Inefficiency among Philippine Publicly Listed Firms from 2014 to 2018

Brix Austin B. Antonio, Carl Jacob T. Chabon, Winchell E. Liao & Keane Nathaniel B. Lim, School of Economics, De La Salle University

Cyber Liability Insurance in an Offender-Defender Evolutionary Game

Ma. Isabel Fernandez & Mariel Monica Sauler, School of Economics, De La Salle University

Disaster Risk Assessment using Disaster-REALM

Krista Danielle Yu, School of Economics, De La Salle University

Kathleen B. Aviso, Chemical Engineering Department, De La Salle University

Michael Angelo B. Promentilla, Center for Engineering and Sustainable Development Research, De La Salle University

Raymond R. Tan, Office of the Vice Chancellor for Innovation and Research, De La Salle University

Venue: Gauguin Room

Session B2. Local Econ-spatial Planning

(NEDA-sponsored session)

Session Chair: *Nieva T. Natural, National Economic and Development Authority*

Economic Impact of Pedestrianization of an Urban Space in Metro Cebu

Crispin Diaz, UP Planades

Estimating the Urban Carrying Capacity of Baguio City

Donna Tabangin, CERTEZA



SIMULTANEOUS SESSIONS B (3:20–4:50 PM)

Venue: Renoir Room

Session B3. Digital Economies, Productivity, and Efficiencies

(FNF-sponsored session)

Session Chair: *Kristine F. Alcantara, Abad Alcantara and Associates*

Learning with Friends: A Theoretical Note on the Role of Network Externalities in Human Capital Models for the New Industry

Paul John M. Peña & Dickson A. Lim, De La Salle University*

Are the Universal and Commercial Banks of the Philippines Profitable, Efficient and Stable?

*Jovi C. Dacanay, School of Economics, University of Asia and the Pacific/
Board Member, PES*

Ella Mae Leonida & Ron Christopher Reyes, School of Economics, University of Asia and the Pacific

Do Households in Developing Country Choose Energy Efficient Air Conditioner?: Evidence from the Philippines

Miwa Nakai, Waseda University*

Majah-Leah V. Ravago, Ateneo de Manila University

Yoichi Miyaoka, Kiyoshi Saito & Toshi H. Arimura, Waseda University

Venue: Van Gogh Room

Session B4. BSP Charter Amendments and Islamic Banking in the Philippines

(BSP-sponsored session)

Session Chair:

BSP Charter Amendments

Noel Neil Q. Malimban, Office of the General Counsel and Legal Services, Bangko Sentral ng Pilipinas

Strengthening Islamic Banking in the Philippines

Noel P. Tiana, Supervisory Policy and Research Department, Bangko Sentral ng Pilipinas

SIMULTANEOUS SESSIONS B (3:20–4:50 PM)

Venue: Cezanne Room

Session B5. Assessing Human Capital Outcomes in the Philippines

Session Chair: Sarah Lynne S. Daway-Ducanes, School of Economics, University of the Philippines

Is Primary Prevention of Cardiovascular Disease Implemented Effectively? Evidence from a Randomized Lottery Experiment in the Philippines

Joseph Capuno,* Benedict Jr. Evangelista* & Aleli Kraft,* School of Economics, University of the Philippines

Evgenia Kudymowa, Erasmus University Rotterdam

Owen O'Donnell, Erasmus University Rotterdam/University of Lausanne

College Graduates in Non-college Jobs: Measuring Overeducation in the Philippine Labor Market

Ma. Christina F. Epetia, School of Economics, University of the Philippines

Do Mothers' Status, Autonomy and Parenting Style Influence their Children's Initiation into Smoking, Alcohol and Drug Use

Renee Andrea B. Arellano & Ysabel Anne G. Ramos, School of Economics, University of the Philippines

Surveying the Extent and Wage Consequences of Education-labor Mismatches in the Philippine Labor Market

Monica Isabel Maria M. Melchor, School of Economics, University of the Philippines

Venue: Degas Room

Session B6. Technological Change and the Philippine Labor Market

Session Chair: Catherine Roween Chico-Almaden, Xavier University-Ateneo de Cagayan

Recent Trends in the Gender Gap in the Labor Market in the Philippines

Alfredo Paloyo,* University of Wollongong

Marites Tiongco & Mitzie Conchada, De La Salle University

Robot Adoption and the Demise of Routine Jobs: Evidence for Developed and Developing Countries

Elisabetta Gentile,* Asian Development Bank

Sébastien Miroudot, Organisation for Economic Co-operation & Development

Gaaitzen de Vries & Konstantin Wacker, University of Groningen

Technological Change and Labor-Displacement: Examining Philippine Firms through a Task-Based Framework

Rolly Czar Joseph T. Castillo, Institute of Mathematics, University of the Philippines-Diliman

Jerome Patrick D. Cruz, Dept. of Economics, Ateneo de Manila University

The Impact of Fiscal Policy on the Philippine Labor Market: An SVAR Approach

Valerie Marie B. Sobrepeña*, Don Mariano Marcos Memorial State University-Mid La Union Campus

Lawrence B. Dacuycuy, De La Salle University

SIMULTANEOUS SESSIONS B (3:20–4:50 PM)

Venue: *Pissaro Room*

Session B7. Fisheries

Session Chair: *Rosalina Palanca-Tan, Ateneo de Manila University
Board Member, PES*

Consumer Preference for Credence Attributes of Fish and Fishery Products, Davao City, Philippines

*Miko Mariz C. Castro, University of the Philippines-Mindanao
Isabelita M. Pabuayon, University of the Philippines-Los Baños
Jose V. Camacho, Jr., University of the Philippines-Los Baños/Former President, PES
Salvador P. Catelo, University of the Philippines-Los Baños*

Salvador P. Catelo, University of the Philippines-Los Baños Fishing-related Livelihood in the Municipality of Lake Sebu, South Cotabato

*Leonora F. Gio, Notre Dame of Marbel University
Rosalina Palanca-Tan, Ateneo de Manila University/ Board Member, PES
Sheila B. Bayog, Notre Dame of Marbel University*

Influence of Marine Protected Areas on Fish Catch Productivity among Selected Fishers in Leyte

Mary Cris F. Plenos & Moises Neil V. Serião, Visayas State University*

Value Chain Analysis of Sergestid Shrimp (*Acetes spp.*) Caught in Banate Bay, Iloilo Province

Deborah B. Gay & Maureen N. Ramos, University of the Philippines-Visayas

Venue: *Matisse Room*

Session B8. Agriculture

Session Chair: *Arlene B. Inocencio, School of Economics, De La Salle University*

Impact of Subsidies on Competition in the Philippines Agriculture and Manufacturing Sectors

Emmanuel DC. Barnedo & Arlene B. Inocencio, De La Salle University

Investment Appraisal and Risk Assessment of Protected Vegetable Cultivation Under Leyte Conditions

*Moises Neil V. Serião, Visayas State University
Therese C. Ratilla, Visayas Socio-Economic Research and Data Analytics Center*

The State of Selected Agri-tourism Venture in Bohol

Rosemary G. Zacal, Leomar B. Virador & Lutgarda P. Cañedo, Holy Name University*

| | |
|------------------|---|
| <p>4:50–6:00</p> | <p style="text-align: right;"><i>Venue: Monet Ballroom 1&2</i></p> <p>PLENARY SESSION 4 Dynamic Markets, Growth, and Inequality: Can Antitrust Crack the Code? (PCC-sponsored session)</p> <p>ARSENIO M. BALISACAN <i>Chairman, Philippine Competition Commission</i> <i>Former President, PES</i></p> <p>STELLA LUZ A. QUIMBO <i>Member, House of Representatives</i> <i>Board Member and Former President, PES</i></p> <p>KELLY BIRD <i>Country Director (Philippines), Asian Development Bank</i></p> <p>RAUL V. FABELLA <i>Professor Emeritus, University of the Philippines School of Economics</i></p> <p>GUILLERMO M. LUZ <i>Chairman, Liveable Cities Challenge</i></p> <p>Moderator: RONALD U. MENDOZA <i>Dean, Ateneo School of Government</i></p> |
| <p>6:00</p> | <p style="text-align: right;"><i>Venue: Monet Ballroom 1&2</i></p> <p>CLOSING CEREMONY</p> <p>Induction of Young Economist Honor Society 2019 Announcement of PES Election Results Photo Opportunity: Current and incoming PES Board, Past presidents and other VIPs</p> |